Prep for Uncertainty of ESPAM2.0

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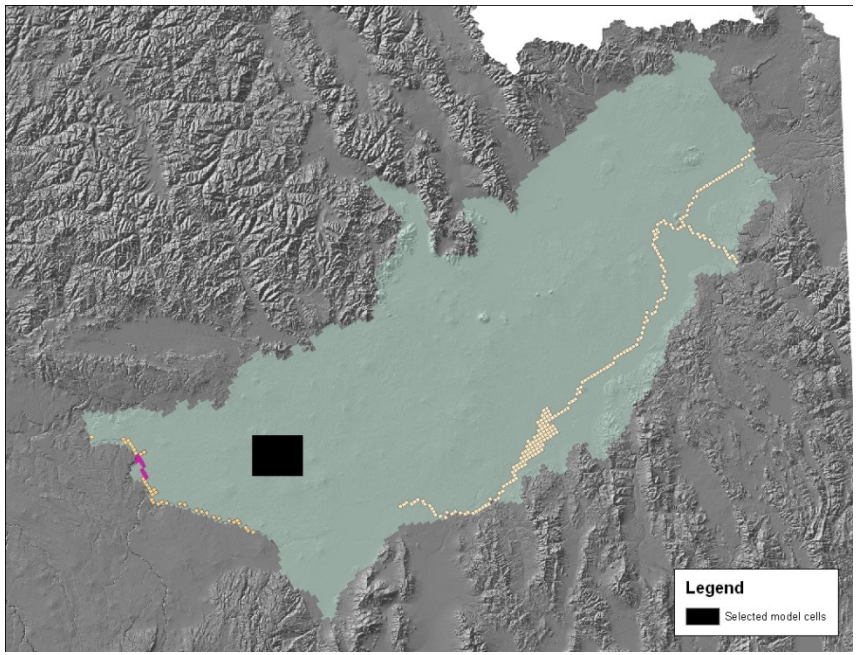
Dual Calibration

- Make prediction with calibrated model
- Incorporate prediction in a new calibration run
- Ask PEST to either increase or decrease prediction during recalibration

What I did with ESPAM1.0



- With calibrated model pump selected cells i.e. at 200,000 cf/d
- Impact is realized in target reach i.e. 20,000 cf/d
- Incorporate prediction in recalibration asking PEST to increase impact to 30,000 cf/d
  - Need target and weight

What I did with ESPAM1.0

- Designed as an example of a possible method of evaluating uncertainty for ESPAM1.0
  - 4 predictions
    - Impact of several model cells on selected river reachs

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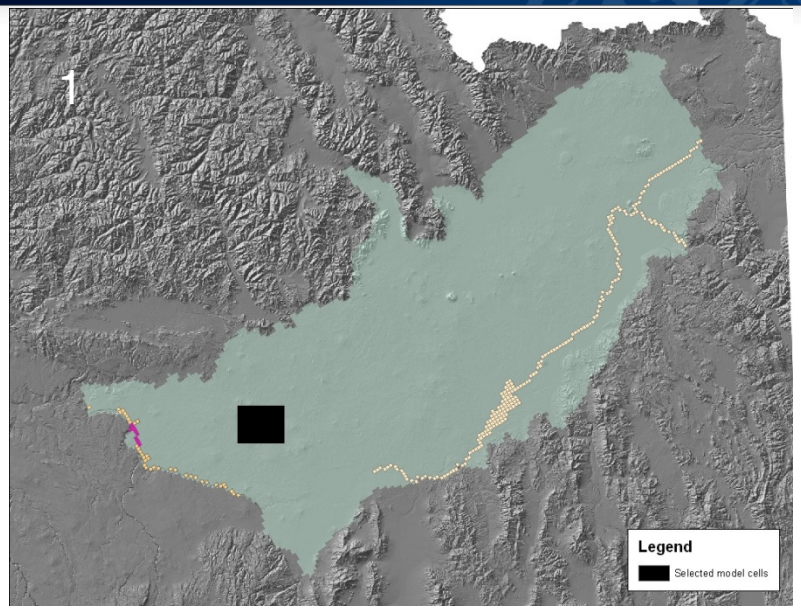

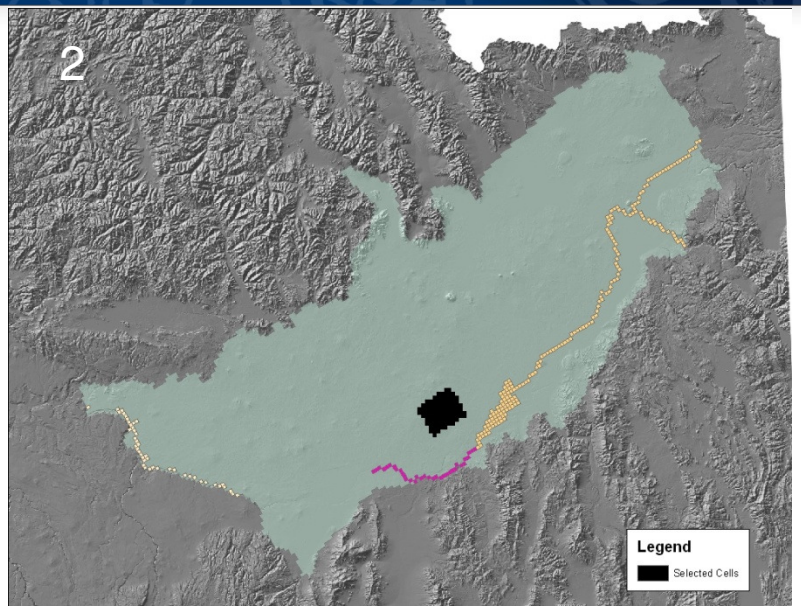

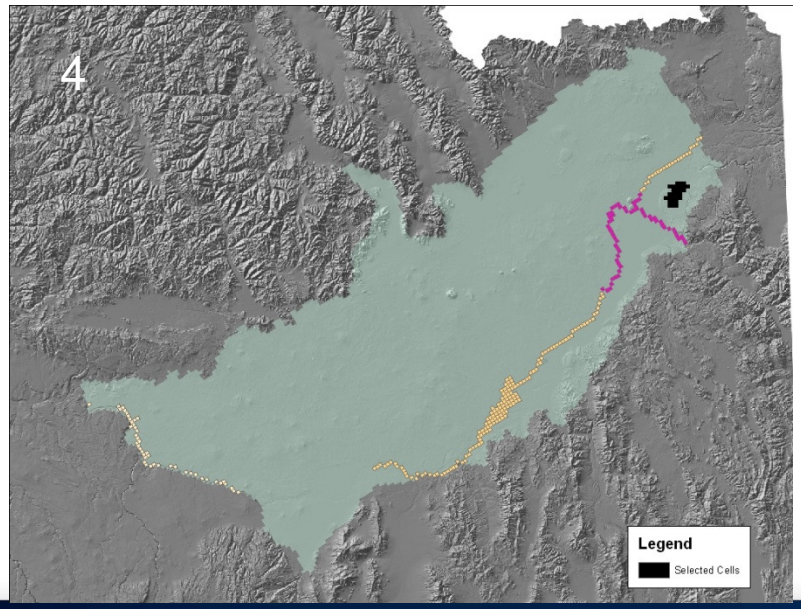

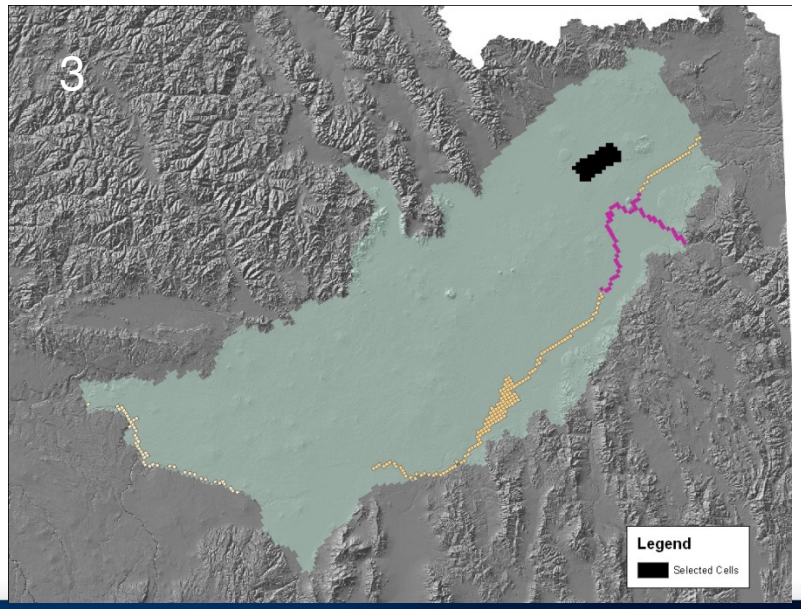

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